What Is Claimed Is:

1. A camera system for obtaining optimum images by controlling a compression curve for the dynamic range of an image sensor according to the brightness of a subject, comprising:

an iris for adjusting the amount of light introduced to said image sensor;

an iris driver for driving said iris;

an iris controller for determining an iris value according to the image data of said image sensor in order to let said iris driver make an iris value correction accordingly; and

a dynamic range adjuster for correcting said compression curve according to the image data of said

image sensor.

2. The camera system of claim 1, wherein said iris controller comprises:

an average luminance calculator for determining the average luminance of said image data; and

an iris calculator for calculating an iris value at which the average luminance of said average luminance is adjusted to a desired average luminance, in order to let said iris driver make an iris value correction accordingly.

3. The camera system of claim 1, wherein said iris controller comprises:

a histogram calculator for determining the luminance histogram of said image data;

a distribution position detector for detecting the distribution of a dark area according to the luminance histogram of said histogram calculator; and

an iris calculator for calculating an iris value, according to said distribution detected by said distribution position detector, at which the distribution of said dark area is shifted to a desired position, in order to let said iris driver make an iris value correction accordingly.

4. The camera system of claim 1, 2 or 3, wherein said image sensor is a CMOS sensor.

5. A camera control method for obtaining optimum images by controlling a compression curve for the dynamic range of an image sensor according to the brightness of a subject, comprising the steps of:

iris control for determining an iris value according to the image data of said image sensor, in order to let an iris driver control an iris for adjusting the amount of light introduced to said image sensor; and

dynamic range adjustment for correcting a compression curve according to the image data of said image sensor.

6. The camera control method of claim 5, wherein said

iris control step includes the steps of:

average luminance calculation for determining the average luminance of said image data; and

iris calculation for calculating an iris value at which said average luminance is adjusted to a desired average luminance, in order to let said iris driver make an iris value correction accordingly.

7. The camera control method of claim 5, wherein said iris control step includes the steps of:

histogram calculation for determining the luminance histogram of said image data;

distribution detection for detecting the distribution of a dark area according to said

luminance histogram; and

iris calculation for calculating an iris value, according to said distribution, at which said dark-area distribution is shifted to a desired position, in order to let said iris driver make an iris value correction accordingly.

8. The camera control method of claim 5, 6 or 7, wherein said image sensor is a CMOS sensor.